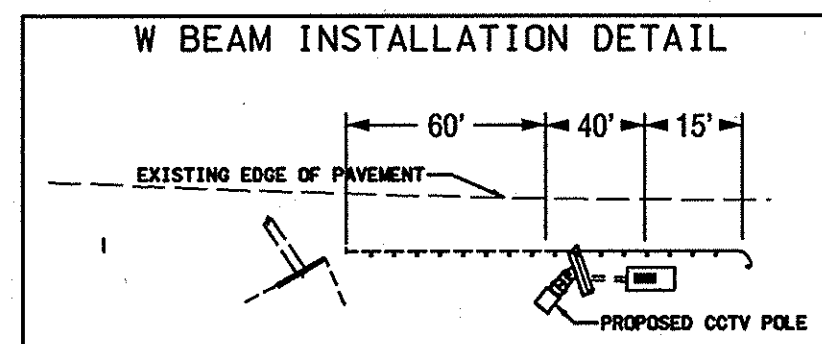
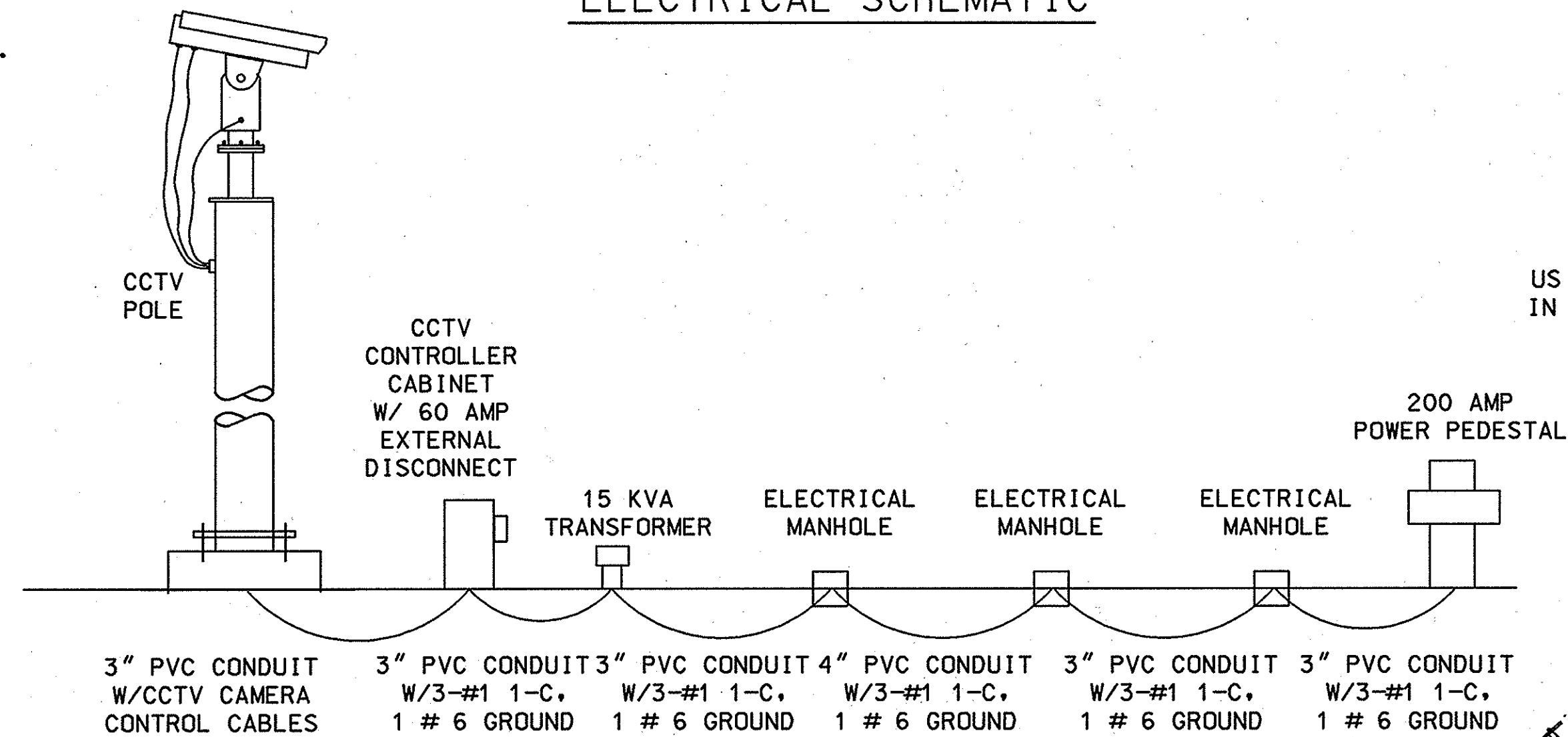


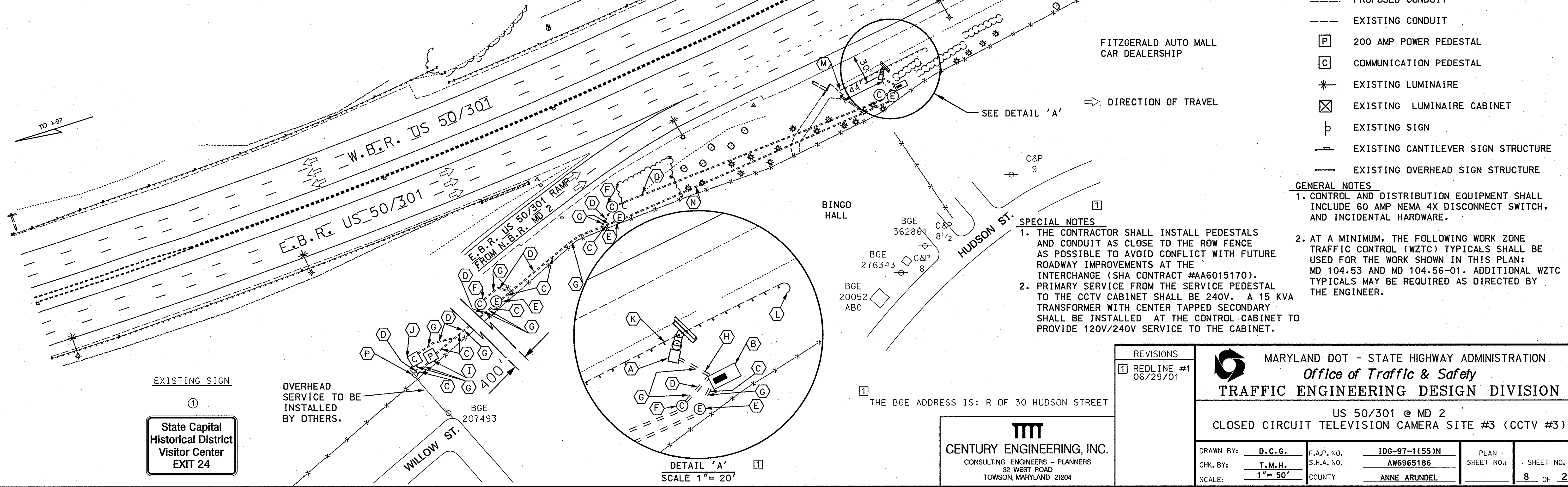
1 CONSTRUCTION DETAILS

- (A) INSTALL 45 FOOT STEEL POLE NPS BROWN, CONCRETE FOUNDATION AND CCTV ASSEMBLY AS DETAILED ON SHEETS 13 AND 14 OF 23.
- (B) INSTALL ONE NEMA 6 BASE MOUNTED CABINET, NPS BROWN, WITH ASSOCIATED EQUIPMENT. MOUNT A 60 AMP EXTERNAL NEMA 4X DISCONNECT SWITCH TO THE CABINET.
- (C) INSTALL ONE, 3 INCH PVC, SCHEDULE 80 CONDUIT WITH THREE 2/O 1-C THHN/THWN CABLES FOR ELECTRICAL SERVICE AND ONE #6 AWG GROUND WIRE.
- (D) INSTALL ONE, 3 INCH PVC, SCHEDULE 80 CONDUIT WITH 5 PAIR, 22 AWG SHIELDED COPPER CABLE FOR COMMUNICATION SERVICE.
- (E) INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR ELECTRICAL SERVICE.
- (F) INSTALL STANDARD 30 INCH x 4 FOOT MANHOLE FOR COMMUNICATION SERVICE.
- (G) OPEN/CLOSE TRENCH (8"W x 30"D).
- (H) INSTALL ONE, THREE INCH PVC, SCHEDULE 80 CONDUIT WITH CCTV CAMERA CONTROL CABLES.
- (I) INSTALL POWER PEDESTAL EQUIPPED WITH METER SOCKET AND A 200 AMP MAIN BREAKERS. FACE METER SOCKET TOWARD RAMP TO BE READ BY UTILITY REPRESENTATIVES.
- (J) INSTALL COMMUNICATION PEDESTAL.
- (K) INSTALL TRAFFIC BARRIER W BEAM NPS BROWN AS PER STANDARD MD 660.01.
- (L) INSTALL TRAFFIC BARRIER W BEAM END TREATMENT NPS BROWN AS PER STANDARD MD 660.02.
- (M) INSTALL TYPE C TRAFFIC BARRIER W BEAM END TREATMENT NPS BROWN.
- (N) INSTALL ONE, 4 INCH PVC, BORED SCHEDULE 80 CONDUIT WITH THREE 2/O 1-C THHN/THWN CABLES FOR ELECTRICAL SERVICE AND ONE #6 AWG GROUND WIRE.
- (D) INSTALL ONE, 4 INCH PVC, SCHEDULE 80 CONDUIT, BORED WITH 5 PAIR, 22 AWG SHIELDED COPPER CABLE FOR COMMUNICATION SERVICE.
- (P) INSTALL CLASS II WOOD POLE AND TWO- TWO INCH PVC RISERS.

1 ELECTRICAL SCHEMATIC



US 50 IS ASSUMED TO RUN IN AN EAST/WEST DIRECTION



LEGEND

- CCTV ASSEMBLY, POLE, AND FOUNDATION
- NEMA 6 BASE MOUNTED CCTV CABINET
- ELECTRICAL/COMMUNICATION MANHOLE
- PROPOSED CONDUIT
- EXISTING CONDUIT
- 200 AMP POWER PEDESTAL
- COMMUNICATION PEDESTAL
- EXISTING LUMINAIRE
- EXISTING LUMINAIRE CABINET
- EXISTING SIGN
- EXISTING CANTILEVER SIGN STRUCTURE
- EXISTING OVERHEAD SIGN STRUCTURE

GENERAL NOTES

1. CONTROL AND DISTRIBUTION EQUIPMENT SHALL INCLUDE 60 AMP NEMA 4X DISCONNECT SWITCH, AND INCIDENTAL HARDWARE.
2. AT A MINIMUM, THE FOLLOWING WORK ZONE TRAFFIC CONTROL (WZTC) TYPICALS SHALL BE USED FOR THE WORK SHOWN IN THIS PLAN: MD 104.53 AND MD 104.56-01. ADDITIONAL WZTC TYPICALS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.

SPECIAL NOTES

1. THE CONTRACTOR SHALL INSTALL PEDESTALS AND CONDUIT AS CLOSE TO THE ROW FENCE AS POSSIBLE TO AVOID CONFLICT WITH FUTURE ROADWAY IMPROVEMENTS AT THE INTERCHANGE (SHA CONTRACT #AA6015170).
2. PRIMARY SERVICE FROM THE SERVICE PEDESTAL TO THE CCTV CABINET SHALL BE 240V. A 15 KVA TRANSFORMER WITH CENTER TAPPED SECONDARY SHALL BE INSTALLED AT THE CONTROL CABINET TO PROVIDE 120V/240V SERVICE TO THE CABINET.

REVISIONS

- 1 REDLINE #1 06/29/01



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

US 50/301 @ MD 2
CLOSED CIRCUIT TELEVISION CAMERA SITE #3 (CCTV #3)

| | | | |
|------------------|--------------------------|-----------------|------------|
| DRAWN BY: D.C.G. | F.A.P. NO. IDG-97-1(55)N | PLAN SHEET NO.: | SHEET NO.: |
| CHK. BY: T.M.H. | S.H.A. NO. AW6965186 | | |
| SCALE: 1"= 50' | COUNTY ANNE ARUNDEL | | 8 OF 23 |

CENTURY ENGINEERING, INC.
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TOWSON, MARYLAND 21204